

What is claimed is:

1. A roll for use in an image-forming apparatus comprising a polymeric foam wherein the foam exhibits a density of at least about 6 pounds per cubic foot and a compression force deflection of at least about 2.5 pounds per square inch.
2. The roll as recited in claim 1 wherein the polymeric foam comprises an open-celled, non-reticulated polymeric foam.
3. The roll as recited in claim 1 wherein the polymeric foam comprises either a polyether based or polyester based polyurethane.
4. The roll as recited in claim 1 wherein the density is from about 6.0 to about 10 pounds per cubic foot, and the compression force deflection is from about 2.5 to about 5.7 pounds per square inch.
5. The roll as recited in claim 1 wherein the density is from about 7.0 to about 8.9 pounds per cubic foot, and the compression force deflection is from about 2.5 to about 4.7 pounds per square inch.
6. The roll as recited in claim 1 wherein the density is about 8.9 pounds per cubic foot, and the compression force deflection is about 4.6 pounds per square inch.
7. The roll as recited in claim 1 wherein the foam is cylindrically disposed about a core shaft, and is substantially homogeneous.
8. The roll as recited in claim 7 wherein the foam forms the outer surface of the roll.
9. The roll as recited in claim 7 wherein the core shaft is metallic.
10. The roll as recited in claim 1 comprising at least one agent substantially uniformly dispersed throughout the foam.
11. The roll as recited in claim 10 wherein the at least one agent comprises a conductive agent.
12. The roll as recited in claim 11 wherein the conductive agent comprises a hexahalogenated ionic compound.

13. The roll as recited in claim 12 wherein the hexahalogenated ionic compound is selected from the group consisting of potassium hexafluorophosphate, sodium hexafluorophosphate, and ammonium hexafluorophosphate.

14. The roll as recited in claim 13 wherein the hexahalogenated ionic compound is potassium hexafluorophosphate.

15. The roll as recited in claim 1 wherein the foam exhibits an average linear cell count of from about 90 to about 120 pores per inch.

16. The roll as recited in claim 1 exhibiting an electrical resistivity of less than about 1×10^9 ohm-cm.

17. An image-forming apparatus comprising a roll as recited in claim 1.

18. A toner adder roll for use in an electrophotographic image-forming apparatus comprising a substantially homogeneous layer of open-celled, non-reticulated polyurethane foam cylindrically disposed about a metal shaft, further comprising at least one conductive agent dispersed substantially uniformly throughout the foam, and wherein the foam exhibits a
5 density of at least about 6.0 pounds per cubic foot, a compression force deflection of at least about 2.5 pounds per square inch, an average linear cell count of from about 90 to about 120 pores per inch, and a resistivity of less than about 1×10^9 ohm-cm.

19. An electrophotographic image-forming apparatus comprising a roll as recited in claim 18.

20. A method for applying toner to a developing member in an electrophotographic image-forming apparatus, comprising applying the toner via a roll comprising a polymeric foam wherein the foam exhibits a density of at least about 6.0 pounds per cubic foot and a compression force deflection of at least about 2.5 pounds per square inch.

21. The method as recited in claim 20 wherein the polymeric foam comprises an open-celled, non-reticulated polymeric foam.

22. The method as recited in claim 20 wherein the polymeric foam comprises either a polyether based or polyester based polyurethane.

23. The method as recited in claim 20 wherein the roll comprises at least one conductive agent substantially uniformly dispersed throughout the foam.

24. The method as recited in claim 20 wherein the foam exhibits an average of from about 90 to about 110 pores per inch.

25. The method as recited in claim 20 wherein the roll exhibits a resistivity of less than about 1×10^9 ohm-cm.